

IN THE CLAIMS

1.-2. (Cancelled)

3. (Previously Presented) A method of heating of a target surrounded by surrounding tissue, comprising:

(a) heating at least the surrounding tissue to a first temperature above normal-body temperature; and

(b) selectively heating the target to a second temperature higher than the first temperature.

4. (Previously Presented) A method according to claim 3 wherein the target and the surrounding tissue are heated before the selective heating of the target to a higher temperature.

5. (Previously Presented) A method according to claim 3 wherein the target is heated to a temperature of over 70° C.

6. (Previously Presented) A method according to claim 5 wherein the target is heated to a temperature below 80° C.

7. (Previously Presented) A method according to claim 3 wherein the heating of the surrounding tissue is to a temperature between about 55° C and 65° C.

8. (Previously Presented) A method according to claim 3 wherein the heating of the surrounding tissue is by using electromagnetic energy.

9. (Previously Presented) A method according to claim 8 wherein the electromagnetic energy is microwave energy.

10. (Previously Presented) A method according to claim 8 wherein the electromagnetic energy is pulsed.

11. (Previously Presented) A method according to claim 3 wherein the selective heating is provided by electromagnetic radiation.

12. (Previously Presented) A method according to claim 11 wherein the electromagnetic radiation is provided by substantially monochromatic electromagnetic radiation.

13. (Previously Presented) A method according to claim 12 wherein the electromagnetic radiation is generated by a laser.

14. (Previously Presented) A method according to claim 11 wherein the electromagnetic radiation is generated by a filtered broadband electromagnetic source.

Bl cont. - 15. (Previously Presented) A method according to claim 14 wherein the source is a flash lamp.

16. (Previously Presented) A method according to claim 8 wherein the selective heating is provided by electromagnetic radiation.

17. (Previously Presented) A method according to claim 16 wherein the electromagnetic radiation is provided by substantially monochromatic electromagnetic radiation.

18. (Previously Presented) A method according to claim 17 wherein the electromagnetic radiation is generated by a laser.

19. (Previously Presented) A method according to claim 16 wherein the electromagnetic radiation is generated by a filtered broadband electromagnetic source.

20. (Previously Presented) A method according to claim 19 wherein the source is a flash lamp.

21. (Previously Presented) A method according to any of claims 3-20 wherein the heating of at least the surrounding tissue comprises heating the target tissue.

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22. (Previously Presented) A method according to claim 21 wherein the target and surrounding tissues are heated by the heating of at least the surrounding tissues by substantially the same amount.

23. (Previously Presented) A method according to any of claims 3-20 wherein the target is hair.

24. (Previously Presented) A method according to any of claims 3-20 wherein the treatment is a dermatological treatment of the target area.

25. (Previously Presented) Apparatus for heating of a target surrounded by surrounding tissue, comprising:

(a) a first source of energy adapted to heat at least tissue surrounding the target to a first temperature above normal body temperature; and

(b) a second source of energy adapted to selectively heat the target to a second higher temperature.

26. (Previously Presented) Apparatus according to claim 25 wherein the first source of energy is also adapted to heat the target.

27. (Previously Presented) Apparatus according to claim 26 wherein the first source of energy is adapted to heat the target and the surrounding tissue by substantially a same amount.

28. (NEW) A method of heating of a target surrounded by surrounding tissue, comprising:

(a) applying heat to at least the surrounding tissue to heat the surrounding tissue to a first temperature ~~above normal body temperature~~; and

(b) selectively applying heat to the target to heat the target to a second temperature higher than the first temperature.

29. (NEW) A method according to claim 28 wherein the target and the surrounding tissue are heated before the selective heating of the target to a higher temperature.

30. (NEW) A method according to claim 28 wherein the target is heated to a temperature of over 70° C.

31. (NEW) A method according to claim 30 wherein the target is heated to a temperature below 80° C.

32. (NEW) A method according to claim 28 wherein the heating of the surrounding tissue is to a temperature between about 55° C and 65° C.

33. (NEW) A method according to claim 28 wherein applying heat at least to the surrounding tissue is by using pulsed electromagnetic energy.

b1 cont. 34. (NEW) A method according to claim 28 wherein the selective applying of heat is provided by electromagnetic radiation.

35. (NEW) A method according to claim 34 wherein the electromagnetic radiation is generated by a filtered broadband electromagnetic source.

36. (NEW) A method according to claim 35 wherein the source is a flash lamp.

37. (NEW) A method according to claim 28 wherein the applying of heat to at least the surrounding tissue comprises applying heat to the target tissue.

38. (NEW) A method according to claim 21 wherein the target and surrounding tissues are heated by the applying of heat to at least the surrounding tissues by substantially the same amount.

39. (NEW) A method according to any of claims 28-37 wherein the target is hair.

40. (NEW) A method according to any of claims 28-37 wherein the treatment is a dermatological treatment of the target area.